



# HD LCD Television

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Operating instructions



Keep this manual for future reference.

## Important Safety Precautions

### CAUTION

**RISK OF ELECTRIC SHOCK  
DO NOT OPEN**



This symbol indicates that this product incorporates double insulation between hazardous mains voltage and user accessible parts.

When servicing use only identical replacement parts.

**Caution:** To reduce the risk of electric shock, do not remove cover (or back). No user serviceable parts inside. Refer servicing to qualified service personnel.



This symbol indicates important instructions accompanying the product.



This symbol indicates "dangerous voltage" inside the product that presents a risk of electric shock or personal injury.

### WARNING

To reduce the risk of fire or electric shock, do not expose this product to rain or moisture.

The apparatus must not be exposed to dripping or splashing. Objects filled with liquids, such as vases or drinking glasses, must never be placed on the apparatus.

## IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.

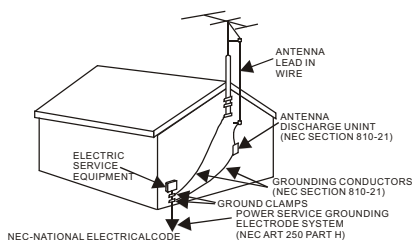
## Important Safety Precautions

12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel.



Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

15. If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code, ANSI/NFPA No. 70-1984 (Section 54 of Canadian Electrical Code, Part 1) provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna-discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrode. See following example.



16. Mains plug is used as the disconnect device. It shall remain readily operable and should not be obstructed during intended use.  
This apparatus shall be connected to a mains socket outlet with a protective earthing connection.

# Welcome you to purchase VISCO LCD TV



Welcome you to high quality image world VISCO colour LCD TV brings you. We sincerely hope VISCO TV brings you the brand new visual and audio enjoyment.

This operating instructions can help you operate this TV set easily.

Read this manual before operating the unit for being familiar with its features and keep it for future reference.

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## Notes:

If you are using the television first time, please read the basic operation before operating.

Please protect our living environment, send waste products to legal agents for proper disposal.

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## Features

- ✍ TV adopts 37 " TFT LCD display screen
- ✍ HDTV Compatible(480i, 480p,720p, 1080i)
- ✍ Support American TV Standard 8VSB/Free 64/256QAM,NTSC System, ATSC System
- ✍ Connect to computer directly to realize TV/monitor combo.
- ✍ Zero X radiation complies to green environment protection requirement
- ✍ Soft picture and no harm to your eyes
- ✍ Ultra-thin and ultra-light features to realize wall mounted
- ✍ 16:9 wide screen(480i,480p,720p,1080i)
- ✍ Dual channel operation (PIP/PBP)
- ✍ Dual Channel Inverse Color Space Conversion (ICSC) for both Main Picture and PIP/PBP channels
- ✍ Temporal and spatial Digital Noise Reduction image processing for both MP and PIP/PBP picture channels
- ✍ Color edge enhancement improves the chroma transient such that the chroma edge looks sharper than the original signal
- ✍ Pixel-based motion and edge adaptive deinterlacing
- ✍ Advanced Chroma Processing for both MP and PIP/PBP channels supporting green color stretch and blue color stretch
- ✍ True 1080i deinterlacing and processing
- ✍ Closed captioning/TEXT services/V-CHIP
- ✍ SAP/STEREO/MONO; BTSC.
- ✍ Equalizer
- ✍ ESS (Extended Spatial Stereo)
- ✍ support HDMI/DVI input
- ✍ support SPDIF output
- ✍ Off timer: Set the timer for the TV to turn off at the preset time automatically.

### Input terminals used for external equipment connection

One ANTENNA jack	One CABLE jack
One S-VIDEO input	One computer RGB/PC input
Two YPbPr inputs	Four AUDIO inputs
One HDMI input	One AV input
One AV output	One AUDIO output
One SPDIF output	

#### Note:

1. If input the DVI signal by HDMI jack, you must input the audio of DVI by the audio way of RGB/PC.
2. The AV output and Audio output are depending on the main picture. But if the main picture is YPbPr/VGA/HDMI/DTV, the AV output is no signal.
3. If inputting signal is DTV, the SPDIF will switch to DTV. If inputting signal is HDMI, the SPDIF will switch to HDMI. SPDIF is set to disable when input other signal.



## Specifications

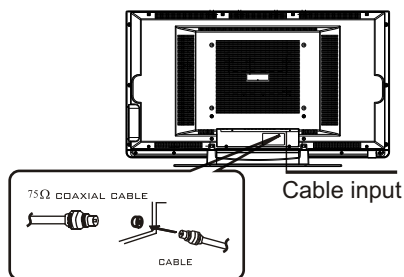
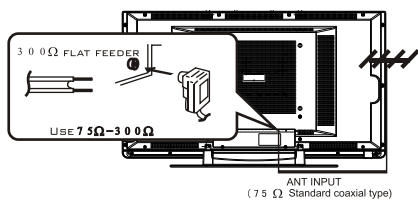
Display screen type	Colour active matrix LCD display
Display size	37 inches diagonal (max.)
The maximum resolution	1366X768
Image control	Fine digital control
Power supply	AC 110-240V 60Hz
TV receive system	American TV Standard 8VSB/Free 64/256QAM, NTSC System, ATSC System
Frequency range	Antenna: 2~69; Cable: 2~135 (Analog: 2-125, Digital: 2-135)
Video IN	NTSC3.58, NTSC4.43
Antenna input impedance	75Ω (Unbalance)
Sound output	2X5W
Power supply for remote controller	DC 3V (Two 7# batteries)
Power consumption	200W
Dimensions (LXWXH)	42.8"X25.3"X9.8" (TV With stand)
Weight (Net weight)	66.1lbs (TV with stand)
Operation environment temperature	0°C-40°C

**Note:**

1. Due to TV may be used with different display screen, weight marked in this user's manual or in packaging box are subject to change without notice.
2. In case of any design change, a notice will not be released.

### Antenna/cable connection

Antenna input impedance of this unit is  $75\Omega$ . VHF/UHF  $75\Omega$  coaxial cable can be connected to the cable jack directly,



Note:

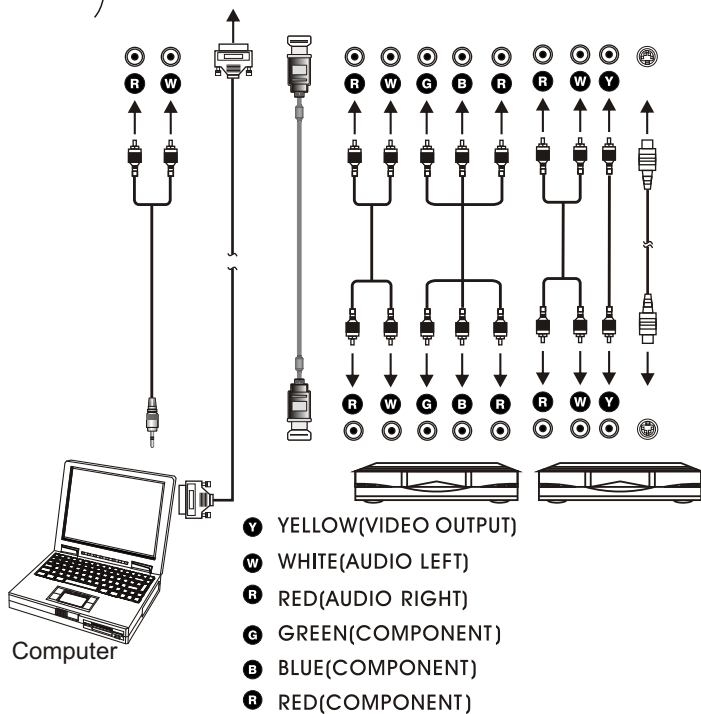
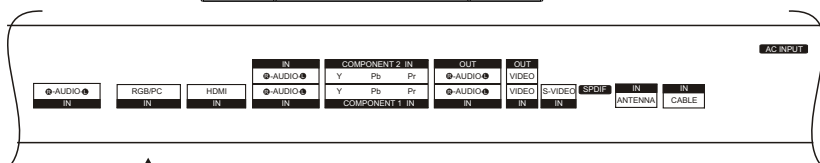
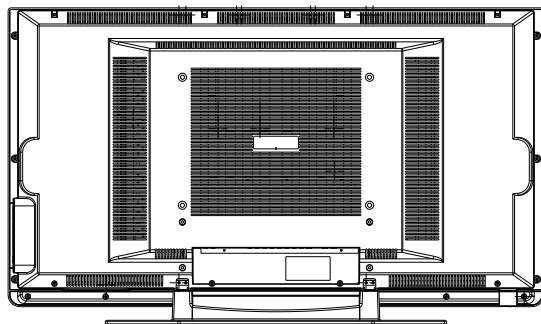
- \* It is better to use  $75\Omega$  coaxial cable to eliminate interference and noise caused by radio wave.
- \* Do not bind the antenna cable and power cord together.



## External connection

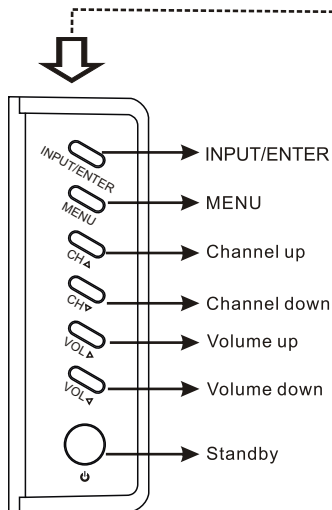
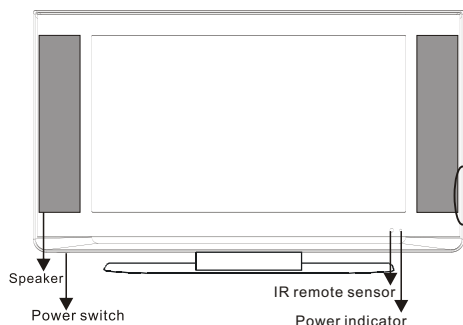


### DVD, computer connection





## Overview of front and right panel

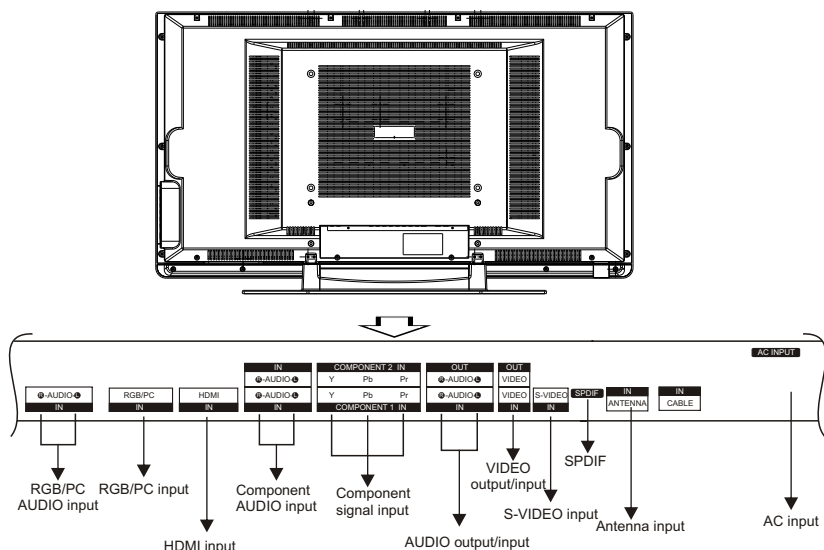


1. **ON/OFF**  
Press this key to turn TV on or off.
2. **Power indicator**  
Green: In power on mode.  
Yellow: In standby mode.
3. **IR remote sensor**  
Point remote control at this sensor to conduct remote control.
4. **VOL◀▶**  
Press these two buttons to increase or decrease the volume, and they are also used for menu selection.
5. **CH▲▼**  
Press these two buttons to select channel or select menu.
6. **Menu**  
Press this key to display OSD menu or exit from current menu to previous menu.
7. **⏻**  
Press this button to enter standby mode under normal play, and press this button to enter normal play mode under standby mode.
8. **INPUT/ENTER**  
Press this button to display the selectable signal source for source.  
In OSD menu, use this key to confirm and enter into next submenu.

# General Description



## Overview of back panel



## Supporting signals

Source	Mode
Antenna	8VSB
Cable	Free 64/256QAM
CVBS	NTSC 3.58
	NTSC 4.43
S-Video	NTSC 3.58
	NTSC 4.43

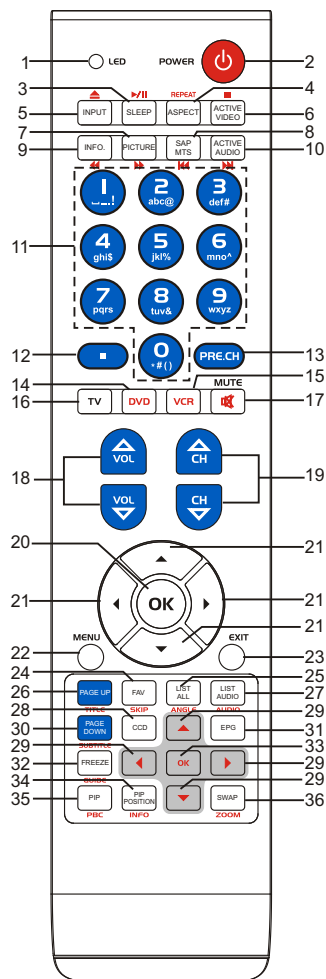
Source	Resolution	Vertical Frequency
Component	480i	60Hz
	480p	60Hz
	720p	50/60Hz
	1080i	50/60Hz
HDMI	480p	60Hz
	720p	50/60Hz
	1080i	50/60Hz

Source	Resolution		Vertical Frequency
PC/VGA PC/HDMI	VGA	720x400	70Hz
			60Hz
		640x480	75Hz
	SVGA	800X600	60Hz
			75Hz
	XGA	1024X768	60Hz
			75Hz
	SXGA	1280X1024	60Hz

## General Description



### Overview of remote control



1. LED: Press any button, the led will light.
2. POWER: Turns your TV on or off.
3. SLEEP: Sets the sleep timer. Press the key repeatedly to select sleep time.
4. ASPECT: Changes the aspect ratio.
5. INPUT: Selects input source.
6. ACTIVE VIDEO: Switch the operating target between MP and PIP/PBP.
7. PICTURE: Selects picture mode.
8. SAP/MTS: Selects SAP/MTS.
9. INFO: Displays the channel information.
10. ACTIVE AUDIO: Toggles current audio between MP audio and PIP/PBP audio.
11. 0~9: Digital keys.
12. ■ : Uses to enter a program number for multiple program channels.
13. PRE.CH: Returns to the previous channel.
14. DVD: Switches the remote control to DVD mode.
15. VCR: Switches the remote control to VCR mode.
16. TV: Switches the remote control to TV mode.
17. MUTE: Mutes the sound.
18. VOLΔ/▽: Changes your TV's volume.
19. CHΔ/▽: Changes channels.
20. OK: Validation key.
21. Arrow buttons: Use to move cursor up/down/left/right for menus in TV mode.
22. MENU: Displays the main menu.
23. EXIT: Exit the menu.
24. FAV: Selects favorite channels.
25. LIST ALL: Displays all channel lists.
26. PAGE UP: Turns to previous page.
27. LIST AUDIO: Displays Audio channel lists.
28. CCD: Displays captions during closed-caption source.
29. Arrow buttons: Use to move cursor up/down/left/right for menus in DVD mode.
30. PAGE DOWN: Turns to next page.



### Overview of remote control

- |                   |  |
|-------------------|--|
| 31. EPG:          | Displays EPG.  |
| 32. FREEZE:       | Pause the image, press again to return to normal screen. |
| 33. OK:           | Validation key for DVD mode.                             |
| 34. PIP POSITION: | Selects the position for PIP window.                     |
| 35. PIP:          | PIP/PBP on or off.                                       |
| 36. SWAP:         | Toggles between PIP and MP.                              |

### Install your remote control batteries

Loading batteries: Remove the lid of the battery compartment, insert 2 size AAA #7 1.5V) batteries with the polarities as indicated inside the compartment and then replace the lid.

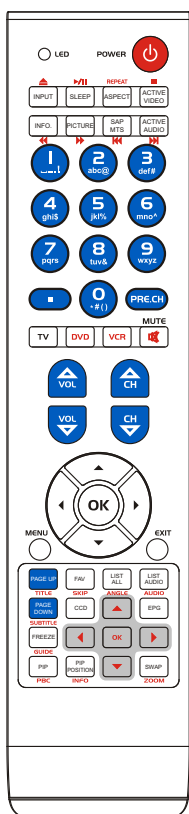
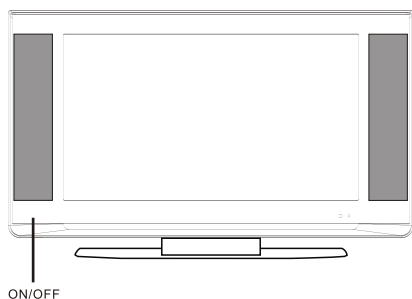
#### Note:

- One loading of batteries will last for 1 year under normal use
- If you do not intend to use the remote controller for a long period of time, remove them to avoid damage due to leakage.
- Do not use old and new batteries together.

**Universal remote control operation please refer to Appendix 3.**



## Turning the TV On and Off



### How to turn the TV on or off

1. Insert AC power plug into the wall outlet, then turn on the AC power switch.
2. If the screen does not turn on, please press **POWER** button on the remote control or **ON/OFF** button on the right panel of LCD TV.
3. One LOGO will be displayed on the screen after turning on TV 6 seconds, normal picture will be displayed on the screen after 18 seconds. If no signal input, "No Signal" will be displayed on the screen.
4. If you need to turn off the TV temporarily, just press **POWER** button on the remote control or **ON/OFF** button on the right panel and your TV will switch to standby mode.
5. If you want to turn TV off completely, you should turn off the AC power switch or unplug the power cord.
6. After turning TV off, you should turn on TV again at least 20 seconds later.

### Status indication lamp

Green: In power on mode.

Yellow: In standby mode.

### Auto power off

1. If there is no signal detected in TV Mode for 5 minutes, the TV will go to standby.
2. If there is no signal detected in VGA Mode for 5 minutes, the TV will go to standby.

### Memory before turning TV off

The settings of picture and the preset channels will be memorized at turning off the unit.

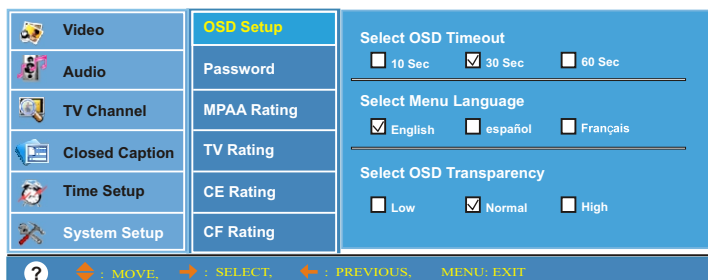
When being started up again, the unit will work according to the mode set before being turned off.



## Menu operation

### Language setup

1. Press MENU key to enter main menu, use ▲/▼ arrow key to select System Setup, then press OK or ► key to enter System Setup submenu. Use ▲/▼ key to select OSD Setup, press OK or ► key to enter OSD Setup submenu.
2. USE ▲/▼ arrow key to choose Select Menu Language, there are three options for you to select: English, Spanish and French. Press ◀/▶ key to move the cursor to the option you desired and press OK key to confirm.

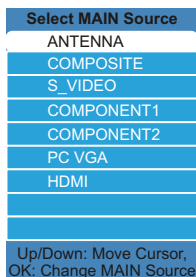


### Source Setup

There are separate source lists for main source and PIP source, if you are setting main picture, the title of the menu is "Select Main Source", if you are setting PIP, the title of the menu is "Select PIP Source".

#### 1. Main source selection

Press INPUT key on the remote control to enter Select MAIN Source submenu. There are eight options for you to select: ANTENNA, CABLE, COMPOSITE, S-VIDEO, COMPONENT1, COMPONENT2, PC VGA and HDMI.



Use ▲/▼ arrow keys to move the cursor to the source you desired and press OK key to confirm.



## Menu operation

### 2. PIP source selection

Press PIP key on the remote control first, then press INPUT key on the remote control to enter Select PIP Source submenu. There are eight options for you to select: ANTENNA, CABLE, COMPOSITE, S-VIDEO, COMPONENT1, COMPONENT2, PC VGA and HDMI.

Use ▲/▼ arrow key to move the cursor to the source you desired and press OK key to confirm.

Notes: 1. If the source can't be selected in current status, the source will be displayed in gray.

2. Only when you select Antenna + Cable in Auto Search submenu, Cable option will be displayed in this menu.

3. PIP function please refer to Appendix 2.



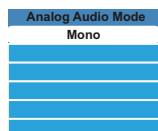
### Audio Channel List

Press LIST AUDIO key on the remote control to display the Audio Channels List, use ▲/▼ key to move the cursor to the audio type you desired and press OK key to confirm.



### Audio Type List

The following table lists the alternative audio modes and the default setting of every audio mode, you can select the audio mode you desired with the SAP/MTS key on the remote control.



Input signal	Options	Default
Stereo + SAP	Stereo/SAP/Mono	Stereo
Stereo	Stereo/Mono	Stereo
SAP	SAP/Mono	Mono
Mono	Mono	Mono
Digital programs including multiple audio channels	Audio1, Audio 2,...	Depend on current program
Digital programs only with one audio channel.	Only 1 Audio	Depend on current program



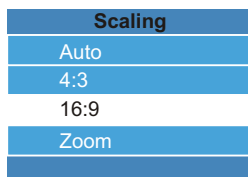


## Menu operation

### Aspect ratio setup

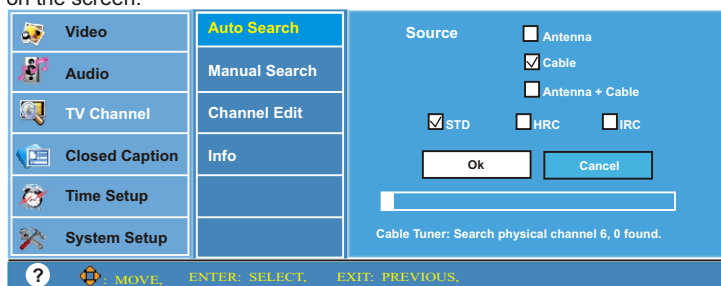
Press ASPECT key on the remote control to enter Scaling submenu, there are four options for you to select: Auto, 4:3, 16:9, Zoom. Use ▲/▼ arrow key to move the cursor to the option you desired and press OK key to confirm.

If Scaling is not set to Auto, you should select Scaling mode depending on current program aspect ratio.



### Auto Search

1. Press MENU key on the remote control to enter the main menu, use ▲/▼ key to select TV Channel and press OK or ► key to enter TV Channel submenu. Press ▲/▼ key to move the cursor to Auto Search, then press OK or ► key to enter Auto Search submenu, the following OSD will be displayed on the screen.



2. Use ▲/▼ key to move the cursor to Source, there are three options for you to select: Antenna, Cable and Antenna+ Cable, press ▲/▼ key to move the cursor to the source you need, press OK key to confirm. If you have selected Cable or Antenna+Cable, three options will be displayed under Antenna+Cable: STD, HRC and IRC. Press arrow keys to move the cursor to the option you desired, then press OK key to confirm.
3. Use ▲/▼ key to move the cursor to OK option, then press OK key on the remote control to start searching. If you want to stop searching, just press EXIT key or move the cursor to Cancel option and press OK.

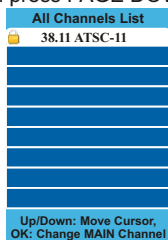


## Menu operation

### Channels List

#### 1. All Channel List

Press LIST ALL key on the remote control to display All Channels List menu. Use ▲/▼ arrow key to move the cursor to the program you need, and press OK key to confirm. If there are more than one page in the list, you can press PAGE DOWN or PAGE UP keys to turn to next page or previous page.



#### 2. Fav List

Press FAV key on the remote control to display Fav List, In Favorite Channels List, if the channel is audio channel, the icon will displays in front of channel number. Press ▲/▼ arrow keys to move the cursor to the program you need, and press OK key to confirm.

Notes: If the source can't be selected, the source will be displayed in gray.

All Channels List menu is separately for main picture and PIP.



### Channels selection

There are four ways to select channel:

1. Using 0~9,DOT and ENTER keys on the remote control to select channel directly.
2. Using CH▲/▼ key on the remote control or on your TV to select channel.
3. Press PRE.CH key to turn to previous channel, press it again to return to current channel.  
Note: PRE.CH is not activated if no channel has been changed after TV turning on.
4. Select channels from All Channels List or Favorite Channels List.

Notes: When you use 0~9, ■ and ENTER keys to select channel directly, the first three number are for main program number, the last three number are for minor program number. For example, If you press 4, 5, 6, 7, 8, 9, Main Picture displays 456.789; press 4,5,6,7,8 and Main Picture displays 456.78; press 4,5, 6, ■, 7, 8 and Main Picture displays 456.78..





## Menu operation

### Volume adjustment and Mute setup

#### Volume adjustment

Press VOL<|/> key on the remote control or on the TV to display Volume menu, adjust the volume of TV between 0 to 100 by using VOL<|/> key:

- ☐ To increase the volume, press VOL ▷ key;
- ☐ To decrease the volume, press VOL ◁ key;



#### Mute

Press MUTE key on the remote control to display MUTE icon on the left bottom of the screen, and the volume of TV will be turned off, press MUTE key again to turn on the volume.

Mute can be canceled by using one of the methods below:

- ☐ Mute will be canceled if you press MUTE button again.
- ☐ Mute will be canceled if you press VOL ▷ key.



### PIP Audio

During PIP displaying, press ACTIVE AUDIO key on the remote control to display the menu which indicating current audio is from either MP or PIP/PBP, then you can use this key to toggle between MP and PIP/PBP.



### Audio picture displaying

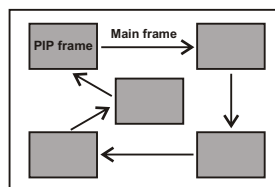
If the program you are receiving is audio program, TV will insert one pictures into Video automatically, and display it on the screen.

### PIP-POS setup

Press PIP POSITION key on the remote control to quickly switch the position for PIP window, there are five positions can be selected as follows.

Using the PIP POSITION key

Press PIP POSITION to quickly select the position for PIP window.





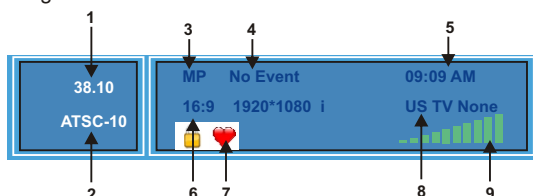
## Menu operation

Note:

- Many but not all adjustments and settings can be applied to the PIP window when the PIP window is selected.

## Current channel information

Press INFO key on the remote control to display the following OSD, the indications of items in this OSD are listed in the following table.



	ATV	DTV	Video or S_Video	YPbPr1	YPbPr2	VGA	HDMI					
1	ChannelNo	Dummy Channel No	"Video" or "S_Video"	"Component1"	"Component2"	"VGA"	"HDMI"					
2	Program name		Blank									
3	Main Picture: MP; PIP;PBP											
4	Displays current accident name only in DTV mode											
5	Time											
6	ASPECT info and resolution of original signal											
7	Icon of Fav/Lock/Skip											
8	Displays level information TV detected											
9	Flag of signal intensity of digital signal. If the intensity below the critical value, the flag is red. On the critical value, the flag is yellow. Upon the critical value, the flag is green.											

## Password inputting

The television is no password at factory status, so there are not any operation which need password. But if the password has been set, you must input correct password in following conditions.

- Enter "System Setup\_\_Password" menu;
- Enter "System Setup\_\_MPAA" menu;
- Enter "System Setup\_\_TV Rating" menu;



## Menu operation

4. Enter "System Setup\_\_C.F. Rating" menu;
5. Enter "System Setup\_\_C.E. Rating" menu;
6. Enter "TV Channel\_\_Channel Edit" menu;
7. Enter "TV Channel\_\_Auto Search" menu;
8. Enter "TV Channel\_\_Manual Search" menu.

There are two ways to input password:

1. Input the password directly by using digital keys on the remote control.
2. Input the password with keys on the right panel.

Use VOL<|> key on the right panel to move cursor to the position you desired. Input digit by pressing CH△/▽ key on the right panel to change digit from 0 to 9 circularly at the current position. For example, the cursor now is at the first digit position of password input. Press CH△ key one time and 0 will be displayed on the screen, press CH△ key second time, 1 will be displayed on the screen, in the same way, you can increase the digit by pressing CH△ key repeatedly. Also you can press CH▽ key to decrease the digit. At last, press ENTER on the right panel to confirm.

If the password you have inputted is correct, you can enter into the next operation. Otherwise you have to return to previous status before inputting.

Please input password:

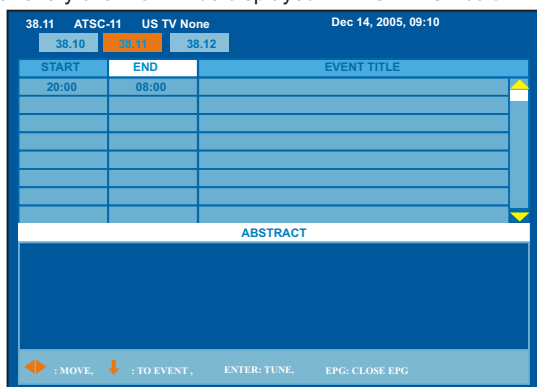
----

## EPG menu

Press EPG key to enter EPG menu, the first line displays current channel number (38.11), channel name (ATSC-11), event title (US TV None) and current time.

The second line displays all programs which will be displayed in this channel, press ▲/▼ key to select the program you desired, then press OK key to enter this program to watch.

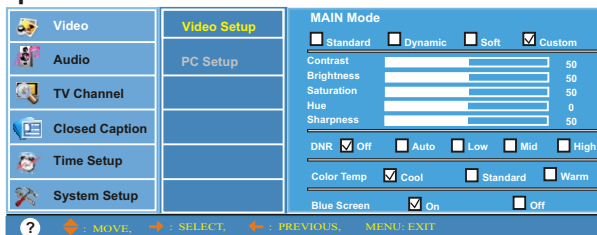
EPG information for every channel will be displayed in ABSTRACT column.





## Video

### Video Setup



Press MENU key to display the main menu on the screen, use▲/▼ key to select Video option, then press OK or ► key to enter Video submenu. Use ▲/▼ key to select Video Setup option, then press OK or ► key to enter Video Setup submenu.

#### 1. PICTURE mode setting

- 1) Use ▲/▼ key to move the cursor to Main Mode option to set the mode of main picture, if you are setting mode of PIP, the title will be PIP Mode. Use ◀/▶ key to select one picture mode from four modes: Standard, Dynamic, Soft and Custom, then press OK key to confirm.
- 2) Only when the Picture Mode is custom, you can set the value depending on your favorite. Use ▲/▼ key to move the cursor to the position which you want to adjust. Press ◀/▶ key to enter related option submenu.



- 3) Use ◀/▶ key to adjust the value. If you want to return to Video Setup menu, press ▲/▼/OK key.

#### 2. DNR setting

Use ▲/▼ keys to move the cursor to DNR option. There are five options following DNR. Use ◀/▶ key to select the mode you desired, and press OK key to confirm.

#### 3. Color Temp setting

Use ▲/▼ keys to move the cursor to Color Temp option. There are three options following Color Temp. Use ◀/▶ key to select the option you desired, and press OK key to confirm.

#### 4. Blue Screen On/Off

Use ▲/▼ keys to move the cursor to Blue Screen option. Use ◀/▶ key to select On or Off, press OK key to confirm.

#### Tips:

1. Contrast, Brightness, Saturation, Hue and Sharpness, Color Temperature settings are not global, i.e. Values will be stored separately for all base band inputs plus NTSC, ATSC and QAM RF sources.
2. LCD color temperature parallel table
 

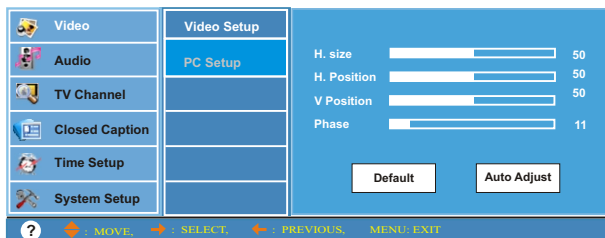
Warm	Standard	Cool
6500K	7500K	9300K

# Menu system introduction



## Video

### PC Setup



Press MENU key to display the main menu on the screen, use ▲/▼ key to select Video option, then press OK or ► key to enter Video submenu. Use ▲/▼ key to select PC Setup option, then press OK or ► key to enter PC Setup submenu.

#### 1. VGA setting

Use ▲/▼ key to move the cursor to the position you desired to set, press ◀/▶ key to adjust the value.

#### 2. Default and auto adjustment

Use ▲/▼ key to move the cursor to Default or Auto Adjust option, then press OK key to confirm.

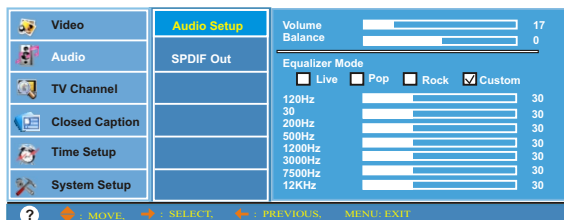
Note: 1. When you use H.size item to adjust picture size, picture will be adjusted align to the left of the screen.

2. H.size, H.Position, V Position are not available if Scaling is set to 4:3 or zoom.

3. If there are unexpected problems happened when you adjust the items, you can use "Auto Config" to resume the original settings.

## Audio

### Audio Setup



Press MENU key to display the main menu on the screen, use ▲ to select Audio option, then press OK or ► key to enter Audio submenu. Use ▲/▼ key to select Audio Setup option, then press OK or ► key to enter Audio Setup submenu.

#### 1. Volume adjustment

Press ▲/▼ key to move the cursor to the Volume option, press ◀ or ▶ key to decrease or increase the volume of your TV.

#### 2. Balance adjustment

Press ▲/▼ key to move the cursor to the Balance option, press ◀ or ▶ key to adjust the balance. Default value of Balance is "0".

#### 3. Equalizer Mode

Press ▲/▼ key to move the cursor to the Equalizer Mode option, then use ◀ or ▶ key to select

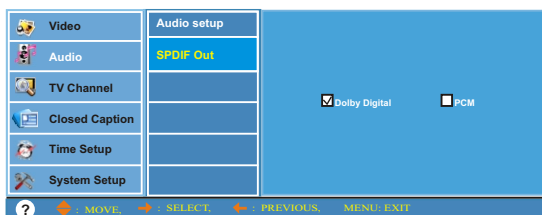
# Menu system introduction



## Audio

one mode from following four modes: Live, Pop, Rock and Custom, press OK key to confirm. Only when you select Custom mode, you can adjust the setting of a certain band. Use ▲/▼ key to move cursor to the position you desired, then press ◀/▶ key to adjust the setting.

## SPDIF Out



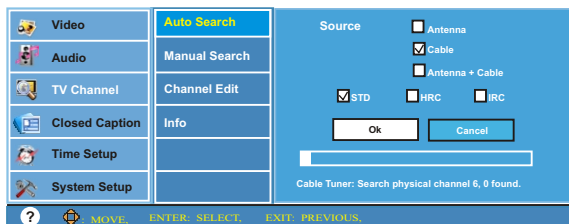
Press MENU key to enter main menu, use ▲/▼ key to select Audio, then press OK or ▶ key to enter Audio submenu, use ▲/▼ key to select SPDIF Out, press OK or ▶ key to enter SPDIF Out submenu.

### 1. SPDIF Out mode

There are two modes for you to select: Dolby Digital and PCM, use ◀/▶ key to move the cursor to the mode you desired, then press OK key to confirm.

## TV Channel

### Auto Search



Press MENU key on the remote control to enter the main menu, use ▲/▼ key to select TV Channel, then press OK or ▶ key to enter TV Channel submenu, use ▲/▼ key to select Auto Search, then press OK or ▶ key to enter Auto Search submenu.

### 1. Auto Search

- 1) Use ▲/▼ key to move the cursor to Source option, there are three options for you to select: Antenna, Cable and Antenna + Cable, press ▲/▼ key to move the cursor to the Source you desired, then press OK key to confirm. If you have selected Cable or Antenna + Cable, three options (STD, HRC and IRC) will display under Antenna + Cable. Press ▲/▼/◀/▶ key to move the cursor to the option you desired, then press OK key to confirm.



# Menu system introduction



## TV Channel

- 2) Use ▲/▼ key to move the cursor to OK option, then press OK key on the remote control to start auto searching. If you want to stop searching, just press EXIT key on the remote control or move the cursor to Cancel option by pressing ▲/▼ key on the remote control, then press OK key.

Notes: Searching process and related information will be displayed at the bottom of Source submenu.

## Manual Search

Video	Auto Search	RF Select	Antenna
Audio	Manual Search	Channel No.	
TV Channel	Channel Edit	Frequency	0MHz
Closed Caption	Info		Ok
Time Setup			
System Setup			

? MOVE SELECT PREVIOUS MENU EXIT

Press MENU key on the remote control to enter the main menu, use ▲/▼ key to select TV Channel, then press OK or ► key to enter TV Channel submenu, use ▲/▼ key to select Manual Search, then press OK or ► key to enter Manual Search submenu.

### 1. Manual Search

- 1) Use ▲/▼ key to move the cursor to Channel No. option, input channel number with digital keys on the remote control. If channel number you input is wrong, press ◀ key to clear the wrong number.
- 2) Use ▲/▼ key to move the cursor to OK option, then frequency of this channel number will be displayed after Frequency option. If you select Cable for RF Select, then frequency is for Cable-STD.
- 3) Press OK key to start searching, you can press EXIT key to stop searching.

Note: Related information will be displayed on the bottom of this submenu during searching or if searching is ended.

## Channel Edit

Video	Auto Search	Ch Num	Name	Fav	Lock	Skip
Audio	Manual Search	38.10	ATSC-	♥		
TV Channel	Channel Edit	38.11	ATSC-		🔒	
Closed Caption	Info	38.12	ATSC-			✖
Time Setup						
System Setup						

Page: 1/1

? MOVE ENTER SELECT EXIT PREVIOUS MENU EXIT

# Menu system introduction



## TV Channel

Press MENU key on the remote control to enter the main menu, use ▲/▼ key to select TV Channel, then press OK or ► key to enter TV Channel submenu, use ▲/▼ key to select Channel Edit, then press OK or ► key to enter Channel Edit submenu.

### 1. Fav/Lock/Skip setup

Use ▲/▼/◀/▶ key to move the cursor to any grid in the table. When the cursor in Fav/Lock/Skip rows, press OK key to insert the channel to Fav/Lock/Skip lists. An icon symbolized that the channel has been added to Fav/Lock/Skip lists will be displayed. In the same way, you can remove the channel from the Fav/Lock/Skip lists by pressing OK key again, then this icon will be canceled.

### 2. Program arrangement

Use ▲/▼/◀/▶ key to move the cursor to CH-Num/Name row, press OK key to select whole line.

Use ▲/▼ key to move the cursor to the position you desired, press OK to change channel position.

### Notes:

1. If the channel is audio program, an icon will be displayed in front of CH-Num.
2. If a program has been added to SKIP list, the program won't be displayed in channel list. When you select program with CH△/▽ key, this program will be directly jumped. but you can select the program by using digital keys on the remote control.
3. If a program has been marked lock icon in Channel Edit submenu, you must input password when you select the program.
  - 1) If you select a program and the program has been locked, the information prompted is: "The Program was locked, input password. If the program has been rating block, the information prompted is "The Program was block, input password."
  - 2) If the password you input is correct, you can enter into this program to watch.
  - 3) If the password input is wrong, the password input menu will be disappeared, and the information prompted is "Wrong Password, Press OK key to input again." Press OK key to return to step 1), press other keys to display the menu depending on your operation. If you press EXIT key to cancel the input, the password input menu will be disappeared, and display the information "Press OK key to input again." If you press OK key, then return to step 1);
  - 4) If you have not input the password in one minute after the password input menu displaying, the message "Wrong Password, Press OK key to input again." will display. The time lasts one minute. If you have not input anything, screen will turn to standby status.
  - 5) If you want to lock one program, you should set the password in Password submenu firstly.

## Information

Video	Auto Search	Program No <input type="text"/>  Program Name <input type="text"/>
Audio	Manual Search	
TV Channel	Channel Edit	
Closed Caption	Info	
Time Setup		
System Setup		

# Menu system introduction



## TV Channel

Press MENU key to enter the main menu, use ▲/▼ key to select TV Channel option, press OK or ► key to enter TV Channel submenu. Then use ▲/▼ key to select Info option, press OK or ► key to enter Info submenu.

1. Use ▲/▼ key to move the cursor to Program No option, input the channel number by directly pressing digital keys on the remote control.

You can change the name of analog program, press ▲/▼ key to move the cursor to Program Name input frame, and input characters by using digital keys on the remote control. The followings are the parallel table between digital keys and characters.

Use ◀/▶ key to move the cursor right or left.

Use 0~9 number keys to input characters.

Use INFO. to toggle between LOWERCASE and UPPERCASE.

Use PRE.CH key to delete a character.

After you finish inputting, you may use ENTER to confirm and return. The maximum length of program is 8 characters.

Button	Character List	Character List while pressing DSP/CAPS
0	0 * # ( )	0 * # ( )
1	1 _ - . !	1 _ - . !
2	2 a b c @	2 A B C @
3	3 d e f #	3 D E F #
4	4 g h i \$	4 G H I \$
5	5 j k l %	5 J K L %
6	6 m n o ^	6 M N O ^
7	7 p q r s	7 P Q R S
8	8 t u v &	8 T U V &
9	9 w x y z	9 W X Y Z

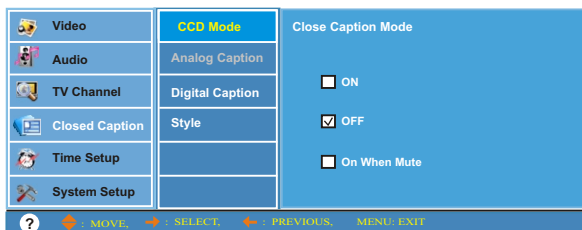
Note:

Every digit key includes several characters, so you must press the digital key repeatedly to display the character you need.



## Closed Caption

### CCD Mode



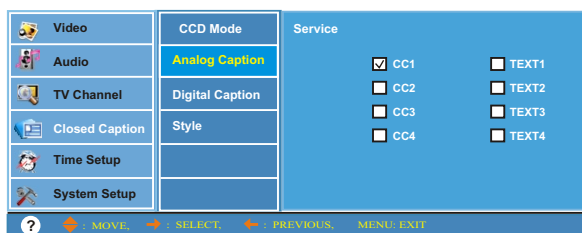
Press MENU key on the remote control to enter the main menu, use ▲/▼ key to select Closed Caption, then press OK or ► key to enter Closed Caption submenu, use ▲/▼ key to select CCD Mode, then press OK or ► key to enter CCD Mode submenu.

#### 1. Close Caption Mode

There are three options for you to select: ON, OFF, On When Mute. Move the cursor to the mode you desired, and press OK key to confirm.

Note: If you select On When Mute mode, CCD will turn on when audio mute and turn off when cancel audio mute.

## Analog Caption



Press MENU key on the remote control to enter the main menu, use ▲/▼ key to select Closed Caption option, then press OK or ► key to enter Closed Caption submenu, use ▲/▼ key to select Analog Caption, then press OK or ► key to enter Analog Caption submenu.

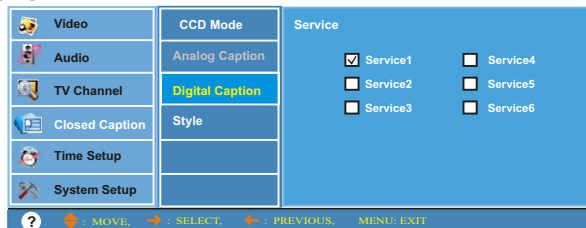
#### 1. Analog Caption Service

There are eight services for you to select: CC1, CC2, CC3, CC4, TEXT1, TEXT2, TEXT3 and TEXT4. Use ▲/▼/◀/▶ key to move the cursor to the service you desired, press OK key to confirm.



## Closed Caption

### Digital Captions

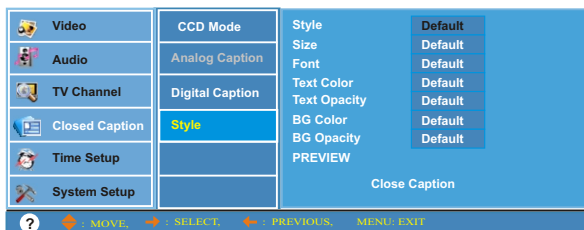


Press MENU key on the remote control to enter the main menu, use ▲/▼ key to select Closed Caption, then press OK or ► key to enter Closed Caption submenu, use ▲/▼ key to select Digital Captions, then press OK or ► key to enter Digital Captions submenu.

#### 1. Digital Caption Service

There are six options for you to select: Service1, Service2, Service3, Service4, Service5 and Service 6. Using ▲/▼/◀/▶ arrow buttons to move the cursor to the mode you desired, and press OK key to confirm.

### Style



Press MENU key on the remote control to enter the main menu, use ▲/▼ key to select Closed Caption option, then press OK or ► key to enter Closed Caption submenu, use ▲/▼ key to select Style, then press OK or ► key to enter Style submenu.

#### 1. Style setup

- 1) Make sure cursor on Style option, then press ◀/▶/OK key to select the Style mode you need. There are ten modes can be selected: Custom, Default, Style1, Style2, Style3, Style4, Style5, Style6, Style7, and Style 8. If you select one style mode, following options will be displayed the specific configuration of this style: Size, Font, Text Color, Text Opacity, BG Color, BG Opacity. The specific configuration of every style lists as below.  
 Default: Default, Default, Default, Default, Default, Default  
 Style1: Small, Font2, White, Transparent, Blue, Solid  
 Style2: Normal, Font3, Yellow, Transparent, Black, Solid



## Closed Caption

Style3: Large, Font4, Cyan, Flashing, Magenta, Transparent

Style4: Normal, Font5, Yellow, Translucent, Black, Solid

Style5: Normal, Font6, Yellow, Translucent, Black, Solid

Style6: Normal, Font7, Yellow, Translucent, Black, Solid

Style7: Normal, Font8, Yellow, Translucent, Black, Solid

Style8: Default, Font2, Default, Flashing, Default, Translucent

- 2) Only when the CCD Style is Custom, you can use ▲/▼ key to move the cursor to Size, Font, Text Color, Text Opacity, BG Color or BG Opacity, and use ◀/▶ or OK key to set them. Setting you can select list as below.

Size: Small, Normal, Large, Default.

Font: Font1, Font2, Font 3, Font4, Font5, Font6, Font7, Font 8, Default.

Text Color: White, Black, Red, Green, Blue, Yellow, Magenta, Cyan, Default.

Text Opacity: Transparent, Translucent, Solid, Flashing, Default.

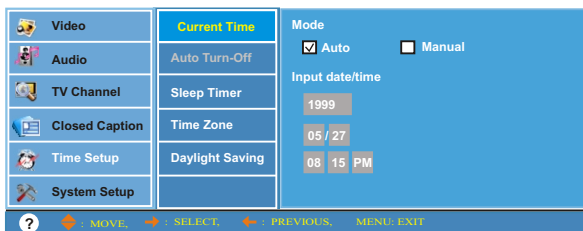
BG Color: White, Black, Red, Green, Blue, Yellow, Magenta, Cyan, Default.

BG Opacity: Translucent, Transparent, Solid, Flashing, Default.

Notes: When you set above options, the PREVIEW window will give the preview of current setting immediately.

## Time Setup

### Current Time



Press MENU key on the remote control to enter the main menu, use ▲/▼ key to select Time Setup, then press OK or ▶ key to enter Time Setup submenu, use ▲/▼ key to select Current Time, then press OK or ▶ key to enter Current Time submenu.

#### 1. Time Mode

Use ▲/▼ key to move the cursor to Mode option, then press ◀/▶ key to move the cursor to the option you desired, press OK key to confirm. Only when the mode is Custom, you can set detail time and date.

#### 2. Input date/time

Press ◀/▶ key to move the cursor to Input date/time option, then use ▲/▼ key to select time and date. For AM/PM option, you can select AM or PM by pressing ▲/▼ key to toggle between AM and PM.



## Time Setup

Notes: When set time and date, you can't input characters by pressing digital keys on the remote control, you can press ▲/▼ key to change the digit.

- Press ▲ key to increase the digit.
- Press ▼ key to decrease the digit.

## Auto Turn-Off



Press MENU key on the remote control to enter the main menu, use ▲/▼ key to select Time Setup, then press OK or ► key to enter Time Setup submenu, use ▲/▼ key to select Auto Turn-Off, then press OK or ► key to enter Auto Turn-Off submenu.

### 1. Mode

Use ▲/▼ key to move the cursor to Mode option, there are three options for you to select, use ▲/▼ key to select the mode you desired, then press OK key to confirm.

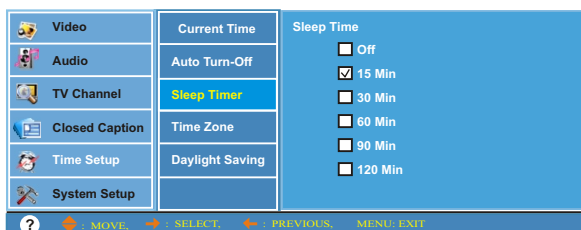
### 2. Setting turn-off time

When the mode has been set in Once or Daily mode, you must set auto turn-off time. The way is same as Input date/time.

Notes:

1. When setting time, you can't input characters by pressing digital keys on the remote control, you can press ▲/▼ key to change the digit.
2. Default setting of Mode is Off.

## Sleep Timer



# Menu system introduction



## Time Setup

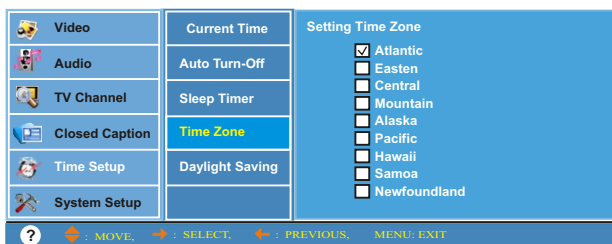
Press MENU key on the remote control to enter the main menu, use ▲/▼ key to select Time Setup, then press OK or ► key to enter Time Setup submenu, use ▲/▼ key to select Sleep Timer, then press OK or ► key to enter Sleep Timer submenu.

### 1. Sleep Time

There are six options for you to select, use ▲/▼ key to move the cursor to the option you desired, press OK key to confirm.

Note: The default setting is Off. As soon as the sleep time has been set, the message "Sleep Timer, Auto turn off" will be displayed when the remained time is only one minute, then the TV will auto turn to standby status at the preset time.

## Time Zone

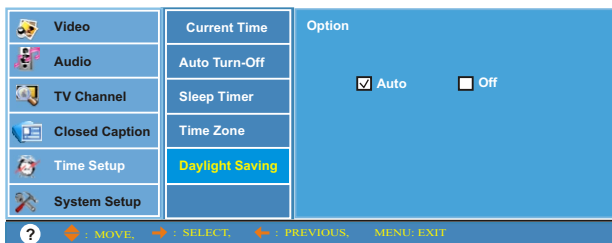


Press MENU key on the remote control to enter the main menu, use ▲/▼ key to select Time Setup, then press OK or ► key to enter Time Setup submenu, use ▲/▼ key to select Time Zone, then press OK or ► key to enter Time Zone submenu.

### 1. Setting Time Zone

There are nine options for you to select, use ▲/▼ key to move the cursor to the time zone you desired, press OK key to confirm.

## DayLight Saving







## Time Setup

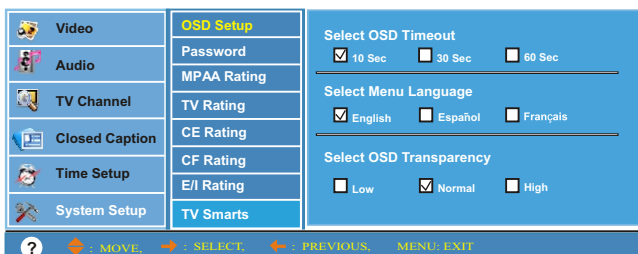
Press MENU key on the remote control to enter the main menu, use ▲/▼ key to select Time Setup, then press OK or ► key to enter Time Setup submenu, use ▲/▼ key to select DayLight Saving, then press OK or ► key to enter DayLight Saving submenu.

### 1. DayLight Saving setting

Use ◀/▶ key to move the cursor to Auto or Off option, then press OK key to confirm.

## System Setup

### OSD Setup



Press MENU key on the remote control to enter the main menu, use ▲/▼ key to select System Setup, then press OK or ► key to enter System Setup submenu, use ▲/▼ key to select OSD Setup, then press OK or ► key to enter OSD Setup submenu.

### 1. Select OSD Timeout

Use ▲/▼ key to move the cursor to select OSD Timeout option, there are 10Sec, 30Sec and 60Sec options you can select. Use ◀/▶ key to move the cursor to the option you desired, press OK key to confirm.

### 2. Select Menu Language

Use ▲/▼ key to move the cursor to select Menu Language option, there are English, Spanish and French options you can select. Use ◀/▶ key to move the cursor to the option you desired, press OK key to confirm.

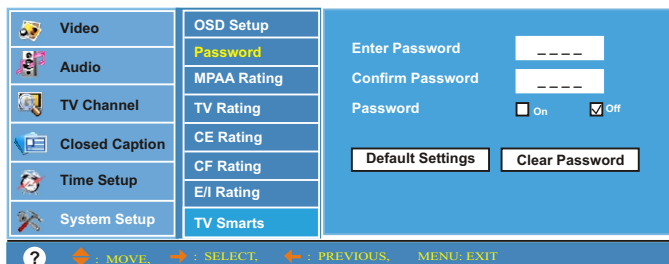
### 3. Select OSD transparency

Use ▲/▼ key to move the cursor to select OSD transparency option, there are Low, Normal and High options you can select. Use ◀/▶ key to move the cursor to the option you desired, press OK key to confirm.



## System Setup

### Password



Press MENU key on the remote control to enter the main menu, use ▲/▼ key to select System Setup, then press OK or ► key to enter System Setup submenu, use ▲/▼ key to select Password, then press OK or ► key to enter Password submenu.

#### 1. Password setting

Use ▲/▼ key to move the cursor to enter Password option, then input password with digital keys on the remote control. After password inputting, cursor will auto skip to Confirm Password option, input password again. If two passwords are same, the message "Password saved successful" will display at the bottom of submenu. If you make wrong operation, use ◀key to erase wrong inputting characters. If your password saved successful, you need to input password with digital keys before entering Password submenu.

#### 2. At first, you must input password before entering the Password submenu, if the password you input is correct, you can change password in Password submenu, the way is same as Password setup, The default password is 2580.

#### 3. Lock System

Use ▲/▼ key to move the cursor to Password option, select On or Off option and press OK key to confirm. If a program or a rating has been locked, you must input password before you select the program or the rating.

#### 4. Clear Password

Move the cursor to Clear Password, press OK key to confirm, then the password you have set is cleared and the message "Clear Password successful" will be displayed at the bottom of the submenu.

#### 5. Default Settings

Use ▲/▼ key to move the cursor to Default Settings option, press OK key to confirm, then the system turns to factory status.

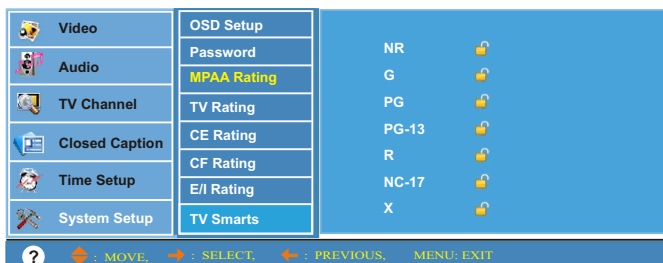
Notes: As soon as password has been set, you must input correct password before entering the submenu.

# Menu system introduction



## System Setup

### MPAA Rating



Press MENU key on the remote control to enter the main menu, use ▲/▼ key to select System Setup, then press OK or ► key to enter System Setup submenu, use ▲/▼ key to select MPAA Rating, then press OK or ► key to enter MPAA Rating submenu.

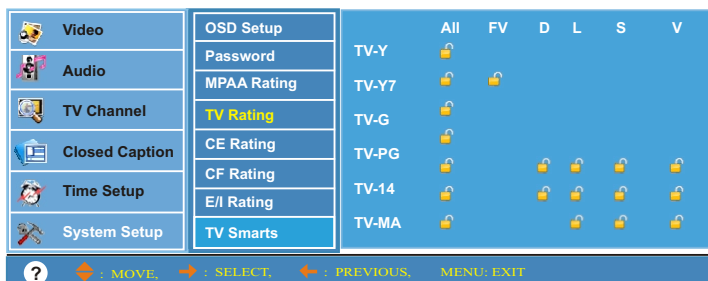
#### 1. MPAA Rating

Use ▲/▼ key to move the cursor to select the option you desired, press OK key to lock the option.

Notes: 1. If you have set the password, you must input correct password before entering the submenu.

2. You should set the password before using V-CHIP function.

### TV Rating



Press MENU key on the remote control to enter the main menu, use ▲/▼ key to select System Setup, then press OK or ► key to enter System Setup submenu, use ▲/▼ key to select TV Rating, then press OK or ► key to enter TV Rating submenu.

#### 1. TV Rating

Use ▲/▼ key to move the cursor to select the option you desired, press OK key to lock the option.

The setting rule please refer to Appendix 1.

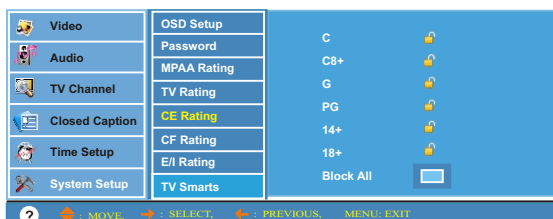
Notes: 1. If you have set the password, you must input correct password before entering the submenu.

2. You should set the password before using V-CHIP function.



## System Setup

### C.E. Rating



Press MENU key on the remote control to enter the main menu, use ▲/▼ key to select System Setup, then press OK or ► key to enter System Setup submenu, use ▲/▼ key to select CE Rating, then press OK or ► key to enter CE Rating submenu.

#### 1. CE Rating

Use ▲/▼ key to move the cursor to select the option you desired, press OK key to lock or unlock the option.

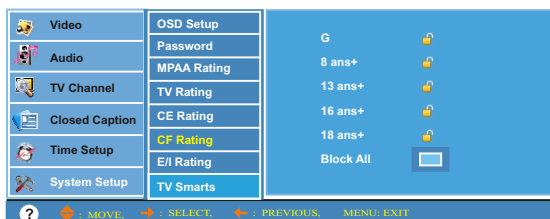
#### 2. Block All

Use▲/▼ key to move the cursor to Block All option, press OK key to confirm. All options in the sub menu will be locked. If you unlock any option in the submenu, the Block All option will auto turn to unselected.

Notes:1.If you have set the password, you must input correct password before entering the submenu.

2.You should set the password before using V-CHIP function.

### C.F. Rating



Press MENU key on the remote control to enter the main menu, use ▲/▼ key to select System Setup, then press OK or ► key to enter System Setup submenu, use ▲/▼ key to select CF Rating, then press OK or ► key to enter CF Rating submenu.

#### 1. CF Rating

Use ▲/▼ key to move the cursor to select the option you desired, press OK key to lock or unlock the option.

#### 2. Block All

Use▲/▼ key to move the cursor to Block All option, press OK key to confirm. All options in the sub menu will be locked. If you unlock any option in the submenu, the Block All option will auto turn to unselected.

Notes:1. If you have set the password, you must input correct password before entering the submenu.

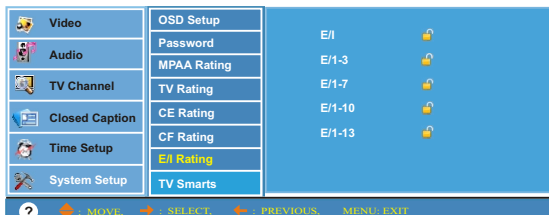
2.You should set the password before using V-CHIP function.

# Menu system introduction



## System Setup

### OPEN V-CHIP



Press MENU key on the remote control to enter the main menu, use ▲/▼ key to select System Setup, then press OK or ► key to enter System Setup submenu, use ▲/▼ key to select OPEN V-CHIP related items, then press OK or ► key to enter the related submenu.

#### 1. OPEN V-CHIP function

Use ▲/▼ key to move the cursor to select the option you desired, press OK key to lock or unlock the option.

Notes: 1. If you have set the password, you must input correct password before entering the submenu.

2. You should set the password before using V-CHIP function.

3. OPEN V-CHIP will detect the related item from digital TV signal and display them on this menu. For example: E/I Rating, TV Smarts. If OPEN V-CHIP function is not available for current TV signal, these two items will be blank.

## Troubleshooting



If you have any problem, check the countermeasures for each symptom listed below. The following symptoms may have caused by inappropriate adjustment rather than actual malfunction of the unit. If the trouble persists, contact the service center.

Symptoms	Possible solutions
No power	Please check the power cord is plug in. Unplug the power cord and plug it after 60 seconds and restart the TV.
No picture	Please check antenna connection. Station may experience problems, please tune to another station. Please adjust the settings of contrast and brightness.
Good picture but no sound	Please increase the volume. Please check TV is under mute mode, press MUTE button on the remote control. Please check sound settings.
Good sound but abnormal color or no picture	Please check the antenna connection.
No remote control	Batteries of remote control may have exhausted, if necessary, please change the batteries. Clean the remote control lens. The distance between LCD TV and remote control should be within 8m.
Full screen flickering under VGA	V-HEIGHT value may be set too big, restart computer and enter safe mode, then set monitor parameters to correct value according to adjustment description.
Horizontal stripes under VGA	Sample phase may be deflected, adjust phase according to picture position.
Colored dots may be present on the screen	This product is the high resolution LCD display device and a few cell defects can occur in the manufacture of the LCD. Several colored dots visible on the screen would be acceptable. in line with other LCD manufacturers and would not mean that the LCD is faulty. We hope you will understand that it could not be changed or refunded.



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### **Snowy Picture**

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Snowy picture is usually due to weak signal. Adjust antenna or install an antenna amplifier.



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### **Double Image or Ghosts**

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Double images are usually caused by reflections from tall buildings. Adjust the direction of the antenna or raise it.



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### **Radio Wave Interference**

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Wave patterns are moving on the screen, which are usually caused by nearby radio transmitters or short-wave receiving equipment.



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### **High Temperature Electrothermal Interference**

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Diagonal or herringbone patterns appear on the screen or part of picture is missing. This is probably caused by high temperature electrothermal equipment in a nearby hospital.

## Package Accessories

- A user's manual, power cord and a remote control.

## Appendix 1 TV Rating setup rule



If TV-Y is locked ,then lock TV-Y,TV-Y7,TV-Y7-FV .  
 If TV-Y is unlocked ,then unlock TV-Y.  
 If TV-Y7 is locked ,then lock TV-Y7,TV-Y7-FV  
 If TV-Y7 is unlocked ,then unlock TV-Y7,TV-Y7-FV  
 If TV-Y7-FV is locked ,then lock TV-Y7-FV  
 If TV-Y7-FV is unlocked ,then unlock TV-Y,TV-Y7,TV-Y7-FV  
 If TV-G is locked ,then lock TV-G,  
     TV-PG,TV-PG-D,TV-PG-L,TV-PG-S,TV-PG-V  
     TV-14,TV-14-D, TV-14-L, TV-14-S,TV-14-V  
     TV-MA, TV-MA-L,TV-MA-S,TV-MA-V.  
 If TV-G is unlocked ,then unlock TV-G  
 If TV-PG is locked ,then lock TV-PG,TV-PG-D,TV-PG-L,TV-PG-S,TV-PG-V  
     TV-14,TV-14-D,TV-14-L, TV-14-S,TV-14-V  
     TV-MA, TV-MA-L,TV-MA-S,TV-MA-V.  
 If TV-PG is unlocked ,then unlock TV-G  
     TV-PG,TV-PG-D,TV-PG-L,TV-PG-S,TV-PG-V  
 If TV-14 is locked ,then lock TV-14,TV-14-D,TV-14-L, TV-14-S,TV-14-V  
     TV-MA, TV-MA-L,TV-MA-S,TV-MA-V.  
 If TV-14 is unlocked ,then unlock TV-G  
     TV-PG,TV-PG-D,TV-PG-L,TV-PG-S,TV-PG-V  
     TV-14,TV-14-D,TV-14-L,TV-14-S,TV-14-V  
 If TV-MA is locked ,then lock TV-MA, TV-MA-L,TV-MA-S,TV-MA-V.  
 If TV-MA is unlocked ,then unlock TV-G  
     TV-PG,TV-PG-D,TV-PG-L,TV-PG-S,TV-PG-V  
     TV-14,TV-14-D,TV-14-L,TV-14-S,TV-14-V  
     TV-MA, TV-MA-L,TV-MA-S,TV-MA-V.  
 If TV-PG-D is locked ,then lock TV-PG-D  
     TV-14-D  
 If TV-PG-D is unlocked ,then unlock TV-G  
     TV-PG TV-PG-D  
 If TV-PG-L is locked ,then lock TV-PG-L  
     TV-14-L  
     TV-MA-L  
 If TV-PG-L is unlocked ,then unlock TV-G  
     TV-PG,TV-PG-L  
 If TV-PG-S is locked ,then lock TV-PG-S  
     TV-14-S TV-MA-S  
 If TV-PG-S is unlocked ,then unlock TV-G  
     TV-PG,TV-PG-S  
 If TV-PG-V is locked ,then lock TV-PG-V  
     TV-14-V TV-MA-V  
 If TV-PG-S is unlocked ,then unlock TV-G  
     TV-PG,TV-PG-V  
 If TV-14-D is locked ,then lock TV-14-D  
 If TV-14-D is unlocked ,then unlock TV-G  
     TV-PG TV-PG-D  
     TV-14 TV-14-D  
 If TV-14-L is locked ,then lock TV-14-L  
     TV-MA-L  
 If TV-14-L is unlocked ,then unlock TV-G  
     TV-PG TV-PG-L  
     TV-14 TV-14-L



## Appendix 1 TV Rating setup rule



If TV-14-S is locked ,then lock TV-14-S  
TV-MA-S

If TV-14-S is unlocked ,then unlock TV-G  
TV-PG TV-PG-S  
TV-14 TV-14-S

If TV-14-V is locked ,then lock TV-14-V  
TV-MA-V

If TV-14-V is unlocked ,then unlock TV-G  
TV-PG TV-PG-V  
TV-14 TV-14-V

If TV-MA-L is locked ,then lock TV-MA-L

If TV-14-L is unlocked ,then unlock TV-G  
TV-PG TV-PG-L  
TV-14 TV-14-L  
TV-MA TV-MA-L

If TV-MA-S is locked ,then lock TV-MA-S

If TV-14-S is unlocked ,then unlock TV-G  
TV-PG TV-PG-S  
TV-14 TV-14-S  
TV-MA TV-MA-S

If TV-MA-V is locked ,then lock TV-MA-V

If TV-14-V is unlocked ,then unlock TV-G  
TV-PG TV-PG-V  
TV-14 TV-14-V  
TV-MA TV-MA-V

## Appendix 2 PIP function



MP/PIP	Analog TV	Digital TV	Composite	S-VIDEO	Component1	Component2	PC VGA	HDMI
Analog TV	X	X	X	X	X	X	X	✓
Digital TV	X	X	✓	✓	✓	✓	X	X
Composite	X	✓	X	X	X	X	X	✓
S-VIDEO	X	✓	X	X	X	X	X	✓
Component1	X	✓	X	X	X	X	X	✓
Component2	X	✓	X	X	X	X	X	✓
PC VGA	X	X	X	X	X	X	X	X
HDMI	✓	X	✓	✓	✓	✓	X	X

## Appendix 3 Universal remote control



### Managing different devices

This remote control unit can manage a TV, DVD and or VCR. No matter what device the remote is controlling by pressing the TV, DVD or VCR for about 2 seconds. You can set the current device to the desired setting.

### Setting up the remote control

To set up the remote control: TV

1. Find your code from the Manufacturers list on Pg. 42. (it's a 3 digit code)
2. Press the "TV" button until the LED shuts off and release.
3. The LED will light up again.
4. Enter the 3 digit number. After the 3 digit number is stored the remote will flash 3 times and will be ready to use. (if you type the 3 digit code wrong or exceed the 3 digits the LED will flash 8 times and will go back to the previous settings).

#### Code number ranges of different devices:

Type	Minimum	Maximum	Default
TV	000	149	149
VCR	200	274	274
CD	400	428	428
DVD	500	527	527
CAB	600	629	629
SAT	700	728	728

### CHECKING THE CURRENT REMOTE CONTROL CODE NUMBER

The remote control can inform you of its current setup code number.

To find the current remote control code number:

- 1 Press **TV** for more than two seconds until the LED goes out.
- 2 Release the button and the LED lights up again.
- 3 Press **MENU** , then read the LED.

## Appendix 3 Universal remote control



For example:

Code number			LED display (the interval between every digit is two seconds)		
1st	2nd	3rd	1st	2nd	3rd
0	0	0	Fast flash once	Fast flash once	Fast flash once
1	0	6	Slow flash once	Fast flash once	Slow flash six times
0	4	3	Fast flash once	Slow flash four times	Slow flash three times
1	5	0	Slow flash once	Slow flash five times	Fast flash once

## Appendix 3 Universal remote control



### TV codes

Brand	Code
Admiral	001 094
Adventura	095
Aiko	011
Akai	002
Alleron	032
Amtron	027
Anam National	027 107 108 128
AOC	003 004 005 110
Apex	146
Audiovox	027
Belcor	003
Bell & Howell	001 062 092
Bradford	027
Brokwood	003
Candle	003 005 006 095
Celebrity	002
Changhong	146
Citizen	003 005 006 011 027 076 095 096
Colortyme	003 005 007 113
Concerto	003 005
Contec/Cony	008 009 027
Craig	027
Crown	027
Curtis Mathes	000 003 005 010 076 092
CXC	027
Daewoo	003 004 005 011 012 106 115
Daytron	003 005

## Appendix 3 Universal remote control



### TV codes

Brand	Code
Dimensia	000
Dixi	144
Dumont	003 088
Electroband	002 003 005 013 014 015 128
Emerson	003 005 008 016 017 018 019 020 021 022 023 024 025 026 027 028 029 030 031 032 092 096 097 119 129
Envision	003 005
Fisher	033 034 035 092 098
Fujitsu	032
Funai	027 032
Futuretec	027
GE	000 003 005 015 036 037 038 066 093 099 121 128
Gibraltar	003 088
Goldstar	003 004 005 008 013 014 039 040 041 090 144
Grundig	027 032
Hallmark	003 005
Harvard	027
Hitachi	003 005 008 009 042 043 097 111 112
Hitachi Pay TV	132
IMA	027
Infinity	044 145
Janeil	095
JBL	044 145
JCB	002
JC Penney	000 003 004 005 006 015 036 037 041 045 046 053 066 076 099 114

## Appendix 3 Universal remote control



### TV codes

Brand	Code
Jensen	003 005
JVC	008 009 037 043 047 048 091 100
Kawasho	002 003 005
Kenwood	003 005 013 014
Kloss Novabeam	049 050 095 101
VISCO	135 (domestic) 136 137 138 139 140 141 142 143 147 (exports)
KTV	027 051 096
Loewe	044
Logik	062 125
Luxman	003 005
LXI	000 005 033 044 052 053 054 092 099 145
M. Wards	125 126 127
Magnavox	003 005 006 013 044 049 050 055 056 057 063 067 101 102 126 145
Majestic	062
Marantz	003 005 044 058 144 145
Megatron	005 042
Memorex	001 005 061 062 092 125
MGA	003 004 005 013 014 015 035 059 061
Midland	037 088 099
Minutz	036
Mitsubishi	003 004 005 013 014 015 035 059 060 061 142
Montgomery Ward	062
Motorola	094 128
MTC	003 004 005 076
Multitech	027

## Appendix 3 Universal remote control



### TV codes

Brand	Code
NAD	005 052 053 103
NEC	003 004 005 014 064 113 128 136 137
Nikko	005 011
NTC	011
Onwa	027
Optimus	103
Optonica	071 094
Orion	024 119
Panasonic	037 044 122 124 128 145
Philco	003 004 005 006 008 013 044 049 050 055 057 063 101 102 126 128
Philips	003 006 008 013 044 049 050 055 056 065 066 067 128 143 144 145
Pilot	003
Pioneer	003 005 068 069 097 103 123
Portland	003 004 005 011
Price Club	076
Prism	037
Proscan	000 099
Proton	003 005 008 070 104
Pulser	003 088
Quasar	037 051 122 128
Radio Shack	000 003 005 008 027 033 071 092
RCA	000 003 004 005 013 072 073 074 099 106 115 116 128 132 133
Realistic	003 005 008 027 033 071 092
Runco	088
Sampo	003 005



## Appendix 3 Universal remote control



### TV codes

Brand	Code
Samsung	003 004 005 008 010 012 013 014 075 076 114 117 134 144
Sansui	119
Sanyo	003 033 034 059 077 092 098 140 141
SBR	144
Schneider	144
Scotch	005
Scott	003 005 008 016 024 027 032
Sears	003 005 009 013 014 032 033 034 035 048 052 053 078 079 092 098 099 105
Sharp	003 005 008 019 071 080 081 082 083 087 094
Shogun	003
Signature	001 062 125
Simpson	006
Sony	002 118 127 131
Soundesign	003 005 006 027 032
Squareview	105
SSS	003 027
Starlite	027
Supre-Macy	095
Supreme	002
Sylvania	003 005 006 013 044 049 050 055 056 057 063 067 084 101 102 126 145
Symphonic	027 105 129
Tandy	094
Tatung	097 128
Technics	037

## Appendix 3 Universal remote control



### TV codes

Brand	Code
Techwood	003 005 037
Teknika	003 004 005 006 008 009 011 027 032 056 061 062 076 125
Tera	104
TMK	003 005
Toshiba	033 052 053 076 078 092 114 138 139
Universal	036 066
Victor	048 100
Vidtech	003 004 005
Viking	095
Wards	001 003 004 005 016 032 036 044 055 056 062 063 066 067 071 085 086 102 129
Yamaha	004 005 013 014 049 050
Zenith	003 062 088 089 109 120 125 130

## Appendix 3 Universal remote control



### VCR codes

Brand	Code
Admiral	252
Adventura	264
Aiko	265
Aiwa	201 264
Akai	238 239 240 253 254
Amstrad	201
Asha	257
Audio Dynamics	255
Audiovox	258
Beaumark	257
Broksonic	256 263
Bush	200
Calix	258
Candle	257 258 259 260
Capeheart	237
Carver	216
CCE	215 265
Citizen	257 258 259 260 265
Colt	215
Craig	215 257 258 261
Curtis Mathes	241 251 257 260 262
Cybernex	257
Daewoo	237 259 263 264 265
Daytron	237
DBX	255
Dynatech	201 264

## Appendix 3 Universal remote control



### VCR codes

Brand	Code
Electrohome	258 266
Electroponic	258
Emerson	201 203 204 218 240 242 247 256 258 262 263 264 266 267 268 269
Fisher	201 205 206 207 208 209 243 261
Fuji	244
Funai	264
Garrard	264
GE	210 223 241 251 257
Goldstar	211
Goodmans	200
Harwood	215
Hinari	200
Hi-Q	261
Hitachi	201 212 213 235 238
JC Penney	214 235 243 255
Jensen	212 238
JVC	238 245 255
Kenwood	238 245 255 260
KLH	215
VISCO	273
Lloyd	201
Logik	200 215
M. Wards	200 201
Magnavox	216 217 271
Marantz	216 255 260
Memorex	201 252 261

## Appendix 3 Universal remote control



### VCR codes

Brand	Code
MGA	218 240 266
Midland	210
Minolta	212 235
Mitsubishi	212 218 219 220 234 240 245 266
Montgomery Ward	221 252
Motorola	252
MTC	201
Multitech	200 201 210 215 260
NEC	222 238 245 255
Optimus	252
Optonica	229
Panasonic	236 272
Pentax	212 235 260
Perdio	201
Philco	216 217
Philips	216 229
Pioneer	212 223 224 245 255
Portland	237 260
Proscan	223 251
Protec	215
Radio Shack	206 207 229 252 261 266
RCA	212 223 225 226 235 241 251 253 270
Realistic	201 206 207 229 252 261 266
Ricoh	246 248
Samsung	210 239 254 259 269
Sanky	252

## Appendix 3 Universal remote control



### VCR codes

Brand	Code
Sansui	227 238 245
Sanyo	261
Schneider	200
Scott	218 228 256 259 263 268
Sears	205 206 207 208 212 235 243 261
Sharp	229 266
Shintom	200
Singer	246
Sony	230 244 248 249 250
STS	235
Sylvania	201 216 217 218
Symphonic	201
Tandy	201
Tashiko	201
Tatung	238
Teac	201 226
Technics	236
Teknika	201 202 231
TMK	204 262
Toshiba	206 208 218 228 259
Vector Research	259
Video Concepts	240
Wards	229 232 233 235 266
Zenith	244 246 249 250

## Appendix 3 Universal remote control



### CD codes

Brand	Code
ADC	414 415
Aiwa	416
Akai	417
Denon	418
Dynatech	400
Emerson	401
Fisher	402 419 420
JVC	403 421
Kenwood	404 422 423
Luxman	424
Magnavox	428
Marantz	406
NEC	405
Onkyo	407
Panasonic	408
Philips	426
Pioneer	409
RCA	410
Samsung	427
Sony	425
Technics	411
Yamaha	412 413

## Appendix 3 Universal remote control



### DVD codes

Brand	Code
Aiwa	511
Hitachi	512
JVC	505 513
VISCO	507 508 509 514 515 527
Magnavox	504
Mitsubishi (DD3000, DD2000)	503
NEC	508 509
Panasonic	516
Philips	504 517 518 519
Pioneer	502 506
Proscan	510
RCA	510
Sanyo	520
Sony (DVPS7700, DVPS500D, DVPS300)	501 521 522
Toshiba (SD3108)	500 523 524 526
Zenith	525



## Appendix 3 Universal remote control



### Cable codes

Brand	Code
ABC	607 608 609 610
Archer	611 612
Century	612
Citizen	612
Colour Voice	613 614
Comtronic	615
Eastern	616
Garrard	612
Hytex	607
Jasco	612
Jerrold	605 609 610 617 618
VISCO	628
Magnavox	619
Movie Time	620
NSC	620
Oak	600 607 621
Panasonic	601 606
Philips	612 613 614 619 622 623 624
Pioneer	602 603 625 626
Regency	616
Samsung	615 626
Scientific Atlantic	603 604 627
Signal	615
SL Marx	615
Starcom	610
Stargate	615
Televue	615

## Appendix 3 Universal remote control



### Cable codes

Brand	Code
Tocom	608 617
TV86	620
Unika	612
United Artists	607
Universal	611 612
Viewstar	619 620
Zenith	603

## Appendix 3 Universal remote control



### Satellite codes

Brand	Code
Alphastar	719
Chaparral	700 701
Cheyenne	701
Dishnet	718
Drake	702 703
Echostar Dish	727
GE	713 720 721
General Instruments	704 705 706
Hitachi	723 724
Hughes Network	717 728
JVC	722
Magnavox	725
Philips	725
Primestar	716
Proscan	713 720 721
RCA	713 720 721
Realistic	707
Sierra I	701
Sierra II	701
Sierra III	701
Sony	714
STS1	708
STS2	709
STS3	710
STS4	711
Toshiba	712 715
Uniden	726



